	F D	
Ap		D110 PAGE 1 15/83 TIME 18.142 SPECIAL CONDITIONS (SUPPLY CONTRACT)
	ARTICLE INDEX	LINE
	1. DEFINITIONS	1
	2. NONPUBLICITY	42
	3. BIDDING REQUIREMENTS	. 51
	4. FOREIGN OWNERSHIP CONTROL OR INFLUENCE	72
	5. ADMINISTRATION OF THE CONTRACT	87
	6. LIQUIDATED DAMAGES	102
	7. WARRANTIES AND GUARANTIES	125
	8. LAWS, ORDINANCES AND REGULATIONS	. —
	9. PATENT INDEMNITY	170
	10. INSURANCE	176
	10. INSURANCE 11. SUCCESSORS AND ASSIGNS Chiller	192
	12. WRITTEN NOTICE	200
	13. CLAIMS FOR DAMAGES	206
	14. RIGHTS AND REMEDIES	212
	15. ASSIGNMENT OF CONTRACT	222
	***END OF INDEX	
	·	
1	1)	1. DEFINITIONS
2	2) THE CONTRACT DOCUMENTS	•
3	THE CONTRACT DOCUMENTS CONSIST OF THE SUPPLY CON THE CONTRACT DOCUMENTS CONSIST OF THE SUPPLY CON COVERNMENT AND THE CONTRACTOR, THE CONDITIONS COUMENTS AND SUPPLEMENTAL PROVISIONS, SPECIAL CONDITIONS CONTENTS, AND THE SPECIFICATIONS — ALL AS LISTED CONTENTS, AND ALL AMENDEMENTS ISSUED PRIOR TO AND AFTER EXECUTION OF THE CONTRACT, CHANGES ARE DEFINED OF THE GENERAL PROVISIONS.	OF THE CONTRACT TIONS, AND RELATED IN THE TABLE OF ALL CHANGES ISSUED
5	10) THE PROJECT	
3	11) THE PROJECT IS THE TOTAL CONSTRUCTION OF WHICH THE 12) UNDER THE CONTRACT DOCUMENTS ARE A PART.	SUPPLIES FURNISHED
2	13) THE ARCHITECT	
3	14) THE ARCHITECT IS:	
7	15) SMITH, HINCHMAN & GRYLLS ASSOCIATES, INC 16) 455 WEST FORT STREET 17) DETROIT, MICHIGAN 48226	
3	18) THE TERM "*ARCHITECT" MEANS THE ARCHITECT OR 19) REPRESENTATIVE.	HIS AUTHORIZED
2	20) THE CONTRACTOR	
3	 THE CONTRACTOR IS THE INDIVIDUAL, PARTNERSHIP, CORPORATION NAMED IN THE SUPPLY CONTRACT, REFERRED TIME, AS "SUPPLY CONTRACTOR", FOR PURPOSES OF CLAR 	TO FROM TIME TO
2	24) THE INSTALLING CONTRACTOR	

Approv	ed For	r Release 2009/04/02 : CIA-RDP89-00244R000300150008-0 the 13155	BP-3SC
ЪA	TE 12	2/15/83 TIME 18 2 CEN AL INTELLIGE	NCE AGENCY
		CONDITIONS HEADQUARTERS CONTRACT) BID PA	EXPANSION ACKAGE 3SC
(3)	at rei	SUPPLY CONTRACT -	
3	25)	THE INSTALLING CONTRACTOR IS THE ORGANIZATION WHOSE CONTRACT	F WITH THE
	26)	GOVERNMENT FOR JORK ON THE PROJECT INCLUDES RESPONSIB	
	27) 28)	RECEIVING, TRANSPORTING AFTER RECEIPT, STORING AS APPROVING INSTALLING THE SUPPLIES. THE INSTALLING CONTRACTOR WILL	
•	29)	CONTRACTOR FOR BID PACKAGE 3 - POWERHOUSE.	
2	30)	BENEFICIAL ACCEPTANCE	
3	31)	BENEFICIAL ACCEPTANCE FOR ANY ITEM OF SUPPLIES IS TH	E DATE THE
	32)	GOVERNMENT PLACES THAT ITEM IN USE FOR ITS INTENDED	PURPOSE,
	33)	SUBSEQUENT TO ONSITE OPERATION FOR START-UP AND TESTING.	
2	34)	MISCELLANEOUS DEFINITIONS	
3	35)	THE TERM "SUPPLIES" SHALL BE READ TO INCLUDE, WITHOUT L	
	36) 37)	RAW MATERIALS, COMPONENTS INTERMEDIATE ASSEMBLIES AND END PROBE FURNISHED UNDER THE CONTRACT. (REFER TO CLAUSE NO. 5 OF TO	
	38)	PROVISIONS).	HE JENERAL
3	39)	THE TERM ""PER"" MEANS ""IN ACCORDANCE WITH THE REQUIREMENTS	OF**.
_			
3	40) 41)	THE TERM ''AS APPROVED'' MEANS ''OR EQUAL'' AS DESCRIBED . NO. 32 OF THE GSA SUPPLEMENTAL PROVISIONS.	IN ARTICLE
1	42)	2. NO	NPU3LICITY
2	43)	IT IS A SPECIFIC CONDITION OF THE CONTRACT THAT THE CONTRACTOR !	SHALL NOT
		USE OR ALLOW TO BE USED ANY ASPECT OF THIS AGREEMENT FOR PUR ADVERTISEMENT PURPOSES.	
2	46)	IT IS FURTHER UNDERSTOOD THAT THIS OBLIGATION SHALL NOT EX	PIRE UPON
	47)	COMPLETION OR TERMINATION OF THE CONTRACT BUT WILL CONTINUE INDI	EFINITELY.
2	48)	THE CONTRACTOR MAY REQUEST A WAIVER OR RELEASE FROM THE FORE	·
	49) 50)	SHALL NOT DEVIATE THEREFROM UNLESS SO AUTHORIZED IN WRITING GOVERNMENT.	3 ЗҮ ТНЕ
1	51)	3. BIDDING REC	RUIREMENTS
2	52)	BIDDER SHALL ENTER IN SECTION 00033ATTA, "ATTACHMENT "A	TO SE33
•	53)	(CHILLERS) ALL INFORMATION REQUESTED. REFER TO STANDARD FORM	
3	54)	BID PRICE SHALL BE A LUMP SUM FOR DELIVERY OF THE SPECIFIED	SUPPLIES
	55)	F.O.B. PROJECT SITE BY THE DATE SPECIFIED IN SECTION 01310.	
	56) 57)	AND TIME OF COMPLETION'', AND SHALL INCLUDE ALL COSTS ASSOCT THE SPECIFIED START-UP SERVICES AND TRAINING OF GOVERNMENT OF	
4	58) 59)	THE BIDDER SHALL AFFIRM IN HIS BID THAT THE BID PRICE COSTS FOR THE AFOREMENTIONED START-UP SERVICES AND TR	
	60)	GOVERNMENT OPERATORS AT THE RESPECTIVE NUMBER OF MAN-DAYS	
	61)	ATTACHMENT *A* TO SF33 FOR EACH FUNCTION.	374165 14
3	62)	RESPECTIVE UNIT PRICE AMOUNTS ENTERED UNDER THE PAYMENT SCHOOL	DULE SHALL
	63)	REFLECT THE SPECIFIED REQUIREMENT THAT WARRANTIES SHALL, IN E	
	64) 65)	BEGIN ON THE DATE OF BENEFICAL ACCEPTANCE. THE TOTAL OF TEXTENSIONS SHALL EQUAL THE BID PRICE.	THE PRICE
3	66)	IN ESTABLISHING DATE BY WHICH BIDDER MUST RECEIVE SHOP	DRAWINGS.
-	67)	PRODUCT DATA AND RELATED SUBMITTALS IN ORDER TO MEET THE	SPECIFIED
	68)	DELIVERY DATE, BIDDER SHALL CONSIDER THE FACT THAT FOR EACH S	
	69) 70)	ARCHITECT WILL REQUIRE 14 CALENDAR DAYS FROM DATE SUBMITT ARCHITECT'S OFFICE UNTIL THE SUBMITTAL LEAVES TO RETURN	
	71)	CONTRACTOR.	• 10 Inc
	•		

Approved For Release 2009/04/02: CIA-RDP89-00244R000300150008-0

**EENTRAL INTELLIGENCE AGECY

HEADQUARTERS EXPANSION

BID PACKAGE 3SC

CSUPPLY CONTRACT)

SUPPLY CONTRACT - CHILLERS

1	72)	4. FOREIGN OWNERSHIP CONTROL OR INFLUENCE
2	73)	· VENDORS RESPONDING TO THIS REQUEST FOR PROPOSAL (RFP) ARE ADVISED THAT IT
	74)	IS THE GOVERNMENT'S INTENT TO SECURE SERVICES OR EQUIPMENT FROM FIRMS
	75)	WHICH ARE NOT UNDER FOREIGN OWNERSHIP, CONTROL, OR INFLUENCE (FOCI) OR
	76) 77)	WHERE ANY FOCI MAY, IN THE OPINION OF THE GOVERNMENT ADVERSELY IMPACT ON
	78)	GOVERNMENT SECURITY REQUIREMENTS. ACCORDINGLY, ALL FIRMS RESPONDING TO THIS REP OR INITIATING PERFORMANCE OF A CONTRACT ARE REQUIRED TO SUBMIT A
	79)	DOD FORM 441S (CERTIFICATE PERTAINING TO FOREIGN INTERESTS) WITH THEIR
	80)	PROPOSAL OR PRIOR TO CONTRACT PERFORMANCE (AS APPROPRIATE). DOD FORM 441s
	81)	ENTRIES SHALL SPECIFY, WHERE NECESSARY, THE IDENTITY, NATURE, DEGREE, AND
	82)	IMPACT OF ANY FOCI ON THEIR ORGANIZATION OR ACTIVITIES.
2	83)	NOTWITHSTANDING THE LIMITATION ON CONTRACTING WITH A VENDOR UNDER FOCI
	84)	IDENTIFIED ABOVE, THE GOVERNMENT RESERVES THE RIGHT TO CONTRACT WITH SUCH
	85)	FIRMS UNDER APPROPRIATE ARRANGEMENTS, WHEN IT DETERMINES THAT SUCH
	86)	CONTRACTS WILL BE IN THE BEST INTEREST OF THE GOVERNMENT.
		·
1	87)	5. ADMINISTRATION OF THE CONTRACT
_		
2	88)	THE GOVERNMENT
3	89)	THE CONTRACT WILL BE ADMINISTERED BY THE CONTRACTING OFFICER ON BEHALF
•	90)	OF THE UNITED STATES OF AMERICA (REFERRED TO THROUGHOUT THE CONTRACT
	91)	DOCUMENTS AS THE GOVERNMENT).
2	221	THE ADDULTED
2	92)	THE ARCHITECT
3	93)	THE ARCHITECT, (AS REQUIRED BY SEPARATE CONTRACT) UNDER SUPERVISION OF
	94)	THE GOVERNMENT, WILL, AS PERTINENT TO THIS SUPPLY CONTRACT:
4	95)	PROVIDE REVIEW AND APPROVAL OF ALL SHOP DRAWINGS, PRODUCT DATA.
•	96)	PROVIDE REVIEW AND APPROVAL OF ALL SHOP DRAWINGS, PRODUCT DATA, SAMPLES, SCHEDULES, ETC., SUBMITTED BY THE CONTRACTOR.
4	97)	REVIEW AND CERTIFY THE VALIDITY OF THE CONTRACTOR'S APPLICATIONS
	98)	FOR PAYMENT.
2	99)	COMMUNICATIONS
_	4001	
3	100) 101)	THE CONTRACTOR SHALL FORWARD ALL COMMUNICATIONS TO THE ARCHITECT THROUGH THE CONTRACTING OFFICER.
	1017	THROUGH THE CONTRACTING OFFICER.
1	102)	6. LIQUIDATED DAMAGES
2	103)	REFER TO ARTICLE 11 DEFAULT, OF THE GENERAL PROVISIONS. REDESIGNATE
•	104)	PARAGRAPHS 11(F) AND 11(G) THERIN AS 11(G) AND 11(H) RESPECTIVELY, AND
	105)	INSERT THE FOLLOWING:
_		
7	106)	(f) (I) IN THE EVENT THE GOVERNMENT EXERCISES ITS RIGHT OF
	107) 108)	TERMINATION AS PROVIDED IN PARAGRAPH (A) ABOVE, THE CONTRACTOR SHALL BE LIABLE TO THE GOVERNMENT FOR EXCESS
	109)	COSTS AS PROVIDED IN PARAGRAPH (B) ABOVE AND, IN ADDI-
	110)	TION, FOR LIQUIDATED DAMAGES, IN THE AMOUNT OF
	111)	\$500.00 AS FIXED, AGREED, AND LIQUIDATED DAMAGES
	112)	FOR EACH CALENDAR DAY OF DELAY, UNTIL SUCH TIME AS THE
	113) 114)	GOVERNMENT MAY REASONABLY OBTAIN DELIVERY OF SIMILAR SUPPLIES OR PERFORMANCE OF SIMILAR SERVICES.
		CONTRACTOR
7	115)	(II) IF THE CONTRACT IS NOT SO TERMINATED, NOTWITHSTANDING
	116) 117)	DELAY, AS PROVIDED IN PARAGRAPH (A) ABOVE, THE CONTRACT-
	118)	OR SHALL CONTINUE PERFORMANCE AND BE LIABLE TO THE GOVERNMENT FOR SUCH LIQUIDATED DAMAGES FOR EACH CALENDAR
	119)	DAY OF DELAY UNTIL THE SUPPLIES ARE DELIVERED OR SER-
	120)	VICES PERFORMED.

Approved For Release 2009/04/02 : CIA-RDP89-00244R000300150008-0 BH&G 13155 DATE 12/15/83 TIME 18-42 CENTAL INTELLIGENCE AGENCY SPECIAL CONDITIONS HEADQUARTERS EXPANSION (SUPPLY CONTRACT) BID PACKAGE 3SC SUPPLY CONTRACT - CHILLERS 7 121) THE CONTRACTOR SHALL NOT BE LIABLE FOR LIQUIDATED 122) DAMAGES FOR DELAYS DUE TO CAUSES WHICH WOULD RELIEVE HIM FROM LIABILITY FOR EXCESS COSTS AS PROVIDED IN PARA-123) 124) GRAPH (C) OF THIS CLAUSE. 1 125) 7. WARRANTIES AND GUARANTIES 126) 2 WARRANTY 3 127) THE CONTRACTOR WARRANTS TO THE GOVERNMENT THAT ALL SUPPLIES FURNISHED 128) UNDER THIS CONTRACT WILL BE NEW UNLESS OTHERWISE SPECIFIED, AND THAT 129) ALL WORK WILL BE OF GOOD QUALITY, FREE FROM FAULTS AND DEFECTS AND IN CONFORMANCE WITH THE CONTRACT DOCUMENTS. ALL WORK NOT CONFORMING TO THESE REQUIREMENTS, INCLUDING SUBSTITUTIONS NOT PROPERLY APPROVED AND 130) 131) AUTHORIZED. MAY BE CONSIDERED DEFECTIVE. IF REQUIRED BY THE CONTRACT 132) DOCUMENTS OR THE CONTRACTING OFFICER, THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF SUPPLIES FURNISHED. THIS WARRANTY IS NOT LIMITED BY THE PROVISIONS FOR 133) 134) 135) CORRECTION OF DEFECTIVE OR NON-CONFORMING WORK HEREIN. 136) 2 137) CORRECTION OF DEFECTS 3 WITHIN ONE YEAR AFTER BENEFICIAL ACCEPTANCE BY THE DANER OF 138) 139) DESIGNATED SUPPLIES OR WITHIN SUCH LONGER PERIOD OF TIME AS MAY BE 140) PRESCRIBED BY LAW OR BY THE TERMS OF ANY APPLICABLE SPECIAL WARRANTY REQUIRED BY THE CONTRACT DOCUMENTS. ANY SUPPLIES ARE FOUND TO BE DEFECTIVE OR NOT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL MAKE CORRECTION PROMPTLY AFTER RECEIPT OF A WRITTEN 141) 142) 143) 144) NOTICE FROM THE GOVERNMENT TO DO SO, UNLESS IN THE PUBLIC INTEREST THE GOVERNMENT CONSENTS TO ACCEPT SUCH SUPPLIES WITH AN APPROPRIATE ADJUSTMENT IN CONTRACT PRICE. THIS OBLIGATION SHALL SURVIVE 145) 146) OBLIGATION SHALL 147) TERMINATION OF THE CONTRACT. 2 148) TO FINAL PAYMENT. SUBMIT TO THE CONTRACTING OFFICER A WARRANTY FOR 1491 EACH GROUP OF SUPPLIES DIFFERENTIATED BY A WARRANTY PERIOD (DIFFERING STARTING AND ENDING DATES). EACH WARRANTY SHALL BE IN TRIPLICATE IN THE 151) FORM SHOWN IN SECTION 00110A, "APPENDIX "A" WARRANTY". 1 152) 8. LAWS, ORDINANCES AND REGULATIONS 2 THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL 153) 154) LAWS, ORDINANCES, AND REGULATIONS, AND SHALL REQUIRE SUCH COMPLIANCE, BY ALL OTHER PERSONS WITH WHOM HE SHALL ENTER INTO ANY CONTRACT PERTAINING 155) 156) TO THE WORK. THE CONTRACTOR SHALL BE LIABLE FOR AND INDEMNIFY AND HOLD HARMLESS THE GOVERNMENT, AND THE ARCHITECT AND THEIR RESPECTIVE CONSULTANTS, AGENTS AND EMPLOYEES FROM ANY AND ALL-LIABILITY OR DAMAGE 157) 158) ARISING BY REASON OF THE BREACH OF THE PROVISIONS HEREIN SET FORTH. 159) 2 160) IT IS NOT THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE CERTAIN THAT THE CONTRACT DOCUMENTS ARE IN ACCORDANCE WITH APPLICABLE LAWS, ORDINANCES AND 161) 162) TOATTICE HOWER OF THE CONTRACTO TO THE CONTRACTOR SUPPRISED THE CONTRACTOR DOCUMENTS ARE AT VARIANCE THEREWITH IN ANY RESPECT, HE SHALL PROMPTLY 163) 164) NOTIFY THE CONTRACTING OFFICER AND ANY NECESSARY CHANGES SHALL BE 165) ACCOMPLISHED BY APPROPRIATE CHANGE ORDER. 2 166) IF THE CONTRACTOR PERFORMS ANY WORK KNOWING IT TO BE CONTRARY TO SUCH LAWS, ORDINANCES, AND REGULATIONS, AND WITHOUT SUCH NOTICE TO THE CONTRACTING OFFICER, HE SHALL ASSUME FULL RESPONSIBILITY THEREFOR AND 167) 168) SHALL BEAR ALL COSTS ATTRIBUTABLE THERETO.

: .

Approved For Release 2009/04/02 : CIA-RDP89-00244R000300150008-0 pN 00110 CENTRAL INTELLIGENCE ACTOY DATE 12/15/83 TIME 18.142 HEADQUARTERS EXPANSION SPECIAL CONDITIONS BID PACKAGE 3SC (SUPPLY CONTRACT) SUPPLY CONTRACT - CHILLERS 1 170) 9. PATENT INDEMNITY 2 171) REFER TO CLAUSE NO. 13 OF THE SUPPLEMENTAL PROVISIONS. EDIT INTERNALLY AS 172) FOLLOWS: FOLLOWING THE WORD "'EMPLOYEES'" IN THE FIRST SENTENCE, INSERT 3 173) PHRASE ''AND THE ARCHITECT, AND HIS CONSULTANTS, AGENTS AND 1743 EMPLOYEES * . 175) 1 176) 10. INSURANCE 2 177) PROPERTY INSURANCE 3 178) THE CONTRACTOR SHALL PURCHASE AND MAINTAIN PROPERTY INSURANCE FOR THE 179) FULL CONTRACT VALUE THEREOF UPON SUPPLIES FOR WHICH ANY PAYMENT HAS 180) BEEN MADE AND SUPPLIES WHICH HAVE BEEN DELAYED IN SHIPMENT AT THE GOVERNMENT'S REQUEST. 181) THE CONTRACTOR . SHALL FILE TWO CERTIFIED COPIES OF ALL POLICIES WITH 3 182) 183) THE CONTRACTING OFFICER BEFORE EXPOSURE TO LOSS CAN OCCUR. IF THE 184) GOVERNMENT IS DAMAGED BY THE FAILURE OF THE CONTRACTOR TO MAINTAIN 185) SUCH INSURANCE AND TO SO NOTIFY THE CONTRACTING OFFICER, THEN THE 186) CONTRACTOR SHALL BEAR ALL REASONABLE COSTS PROPERLY ATTRIBUTABLE 187) THERETO. 2 188) TRANSIT INSURANCE 3 189) THE CONTRACTOR SHALL PURCHASE AND MAINTAIN DURING SHIPMENT TRANSIT 190) INSURANCE FOR THE FULL CONTRACT VALUE THEREOF UPON SUPPLIES FOR WHICH 191) ANY PAYMENT HAS BEEN MADE. 192) 11. SUCCESSORS AND ASSIGNS 2 193) THE GOVERNMENT AND THE CONTRACTOR EACH BINDS ITSELF, ITS PARTNERS, SUCCESORS, ASSIGNS - AND LEGAL REPRESENTATIVES TO THE OTHER PARTY HERETO 194) 195) AND TO THE PARTNERS, SUCCESSORS, ASSIGNS AND LEGAL REPRESENTATIVES OF 196) SUCH OTHER PARTY IN RESPECT TO ALL COVENANTS, AGREEMENTS AND OBLIGATIONS 197) CONTAINED IN THE CONTRACT DOCUMENTS. NEITHER PARTY TO THE CONTRACT SHALL 198) ASSIGN THE CONTRACT OR SUBLET IT AS A WHOLE WITHOUT THE WRITTEN CONSENT 199) OF THE OTHER. 200) 1 12. WRITTEN NOTICE 2 201) WRITTEN NOTICE SHALL BE DEEMED TO HAVE BEEN DULY SERVED IF DELIVERED IN PERSON TO THE INDIVIDUAL OR MEMBER OF THE FIRM OR ENTITY OR TO AN OFFICER 202) 203) OF THE CORPORATION FOR WHOM IT WAS INTENDED, OR IF DELIVERED AT OR SENT 204) BY REGISTERED OR CERTIFIED MAIL TO THE LAST BUSINESS ADDRESS KNOWN TO HIM 205) WHO GIVES THE NOTICE. 1 206) 13. CLAIMS FOR DAMAGES 207) SHOULD EITHER PARTY TO THE CONTRACT SUFFER INJURY OR DAMAGE TO PERSON OR 208) PROPERTY BECAUSE OF ANY ACT OR OMISSION OF THE OTHER PARTY OR OF ANY OF HIS EMPLOYEES, AGENTS OR OTHERS FOR WHOSE ACTS HE IS LEGALLY LIABLE, 209) 210) CLAIM SHALL BE MADE IN WRITING TO SUCH OTHER PARTY WITHIN A REASONABLE TIME AFTER THE FIRST OBSERVANCE OF SUCH INJURY OR DAMAGE.

Approved For Release 2009/04/02 : CIA-RDP89-00244R000300150008-0 BH&G 13155 BP-3SC		
٠, ١٣٠		
		CONDITIONS HEADQUARTERS EXPANSION
	CSUPPLY	CONTRACT) BID PACKAGE 3SC
		SUPPLY CONTRACT - CHILLERS
1	212)	14. RIGHTS AND REMEDIES
2	213)	THE DUTIES AND OBLIGATIONS IMPOSED BY THE CONTRACT DOCUMENTS AND THE
	214)	RIGHTS AND REMEDIES AVAILABLE THEREUNDER SHALL BE IN ADDITION TO AND NOT
	215)	A LIMITATION OF ANY DUTIES, OBLIGATIONS, RIGHTS AND REMEDIES OTHERWISE
	216)	IMPOSED OR AVILABLE BY LAW.
2	217)	NO ACTION OR FAILURE TO ACT BY THE CONTRACTING OFFICER, ARCHITECT OR
	218)	CONTRACTOR SHALL CONSTITUTE A WAIVER OF ANY RIGHT OR DUTY AFFORDED ANY OF
	219)	THEM UNDER THE CONTRACT, NOR SHALL ANY SUCH ACTION OR FAILURE TO ACT
	220)	CONSTITUTE AN APPROVAL OF OR ACQUIESCENCE IN ANY BREACH THEREUNDER,
	221)	EXCEPT AS MAY BE SPECIFICALLY AGREED IN WRITING.
1	222)	15. ASSIGNMENT OF CONTRACT
2	223)	THE GOVERNMENT RESERVES AND IS HEREBY GRANTED THE RIGHT TO ASSIGN THIS
	224)	CONTRACT TO THE INSTALLING CONTRACTOR AND MAKE IT A PART OF THE CONTRACT
	225)	FOR BID PACKAGE 3. THE SUPPLY CONTRACTOR AGREES THAT, WHEN SUCH
	226)	ASSIGNMENT IS MADE, HE WILL WORK UNDER THE INSTALLING CONTRACTOR IN THE
	227)	SAME MANNER AS HE WOULD HAD THE CONTRACT BEEN ORIGINALLY AWARDED TO HIM
	228)	BY THE INSTALLING CONTRACTOR, AND THAT HE WILL BE BOUND TO AND ASSUME
	229)	TOWARD THE INSTALLING CONTRACTOR ALL THE OBLIGATIONS AND RESPONSIBILITIES
	230)	THAT HE, BY HIS CONTRACT, ASSUMES TOWARD THE GOVERNMENT. IN CASE OF
	231)	ASSIGNMENT, PAYMENTS TO THE SUPPLY CONTRACTOR WILL BE BY THE INSTALLING
	232)	CONTRACTOR.

***END OF SECTION

```
Approved For Release 2009/04/02 : CIA-RDP89-00244R000300150008-0

DATE 12/15/83 TIME 18-142
     HEADQUARTERS EXPANSION
                                                          SCHEDULE AND TIME OF COMPLETION
     BID PACKAGE 3SC
     SUPPLY CONTRACT - CHILLERS
     ARTICLE
                                              INDEX
                                                                                        LINE
     SCHEDULE
                                                                                           3
     ***END OF INDEX
7
         1)
7
         2)
         3)
                                                                                   SCHEDULE
2
         4)
             MILESTONE DATES
7
         5)
                 INVITATION FOR BIDS
                                                                  FEBRUARY 1, 1984.
7
         6)
                 BID OPENING
                                                                  MARCH 1, 1984.
         7)
7
                 CONTRACT AWARD
                                                                  APRIL 1, 1984.
         8)
                NOTICE TO PROCEED
                                                                  APRIL 1, 1984.
                 DELIVERY OF SIX CHILLERS
7
         9)
                                                                  NOVEMBER 1, 1984.
                 TENTATIVE BENEFICIAL
7
        10)
        11)
                 ACCEPTANCE OF TWO
                 CHILLERS
        12)
                                                                  APRIL 1, 1985.
7
        13)
                 TENTATIVE BENEFICIAL
        14)
                 ACCEPTANCE OF FOUR
        15)
                 CHILLERS
                                                                  APRIL 1, 1986.
```

***END OF SECTION

Approved For Release 2009/04/02 : CIA-RDP89-00244R000300150008-0 15600 PAGE CENTRAL INTELLIGENCE AGENCY DAT 12/15/83 TIME 18.142 HEADQUARTERS EXPANSION CHILLERS

BID PACKAGE 3SC SUPPLY CONTRACT - CHILLERS

ARTICLE INDEX LINE

1

CENTRAL LIQUID CHILLER REFRIGERATION MACHINES

***END OF INDEX

2

- 1 1) CENTRAL LIQUID CHILLER REFRIGERATION MACHINES
 - FURNISH SIX (6) CENTRIFUGAL LIQUID CHILLER UNITS, WITH SPECIFIED 2)
 - ACCESSORIES: CHILLER MANUFACTURER'S SHALL BE: YORK, CARRIER OR TRAVE.
- 2 4) FOR OPERATING ECONOMY, THE CHILLERS SHALL BE CAPABLE OF STARTING AND
- 5) OPERATING AT MINIMUM LOAD WITH THE ENTERING CONDENSER WATER TEMPERATURE
 - AT LEAST AS LOW AS 55 DEG. F. 6)
- 2 7) CHILLER PERFORMANCE SHALL BE RATED IN ACCORDANCE WITH
 - 8) CONDITIONING AND REFRIGERATION INSTITUTE (ARI) STANDARD 550; AMERICAN
 - 9) NATIONAL STANDARDS INSTITURE (ANSI) B9.1 AND B31.5, LATEST EDITIONS.
- 2 EACH UNIT SHALL BE A COMPLETE FACTORY PACKAGE INCLUDING A CENTRIFUGAL
 - 11) COMPRESSOR, OPEN OR HERMETIC MOTOR, COMPRESSOR MOTOR STARTER, COOLER,
 - 12) CONDENSER AND PURGE OR PUMPOUT UNIT. UNIT SHALL BE FACTORY ASSEMBLED.
 - 13) PIPED, WIRED AND LEAK TESTED. IF THE MANUFACTURER DOES NOT PROVIDE A UNIT
 - 14) AS A COMPLETE FACTORY PACKAGE, THE INSTALLING CONTRACTOR WILL FURNISH THE
 - 15) AND MATERIAL TO COMPLETE THE ASSEMBLY WITH THE LABOR
 - SUPERVISION OF THE MANUFACTURER'S REPRESENTATIVE. MANUFACTURER OF CHILLER 16)
 - SHALL HAVE A FACTORY MAINTAINED SERVICE ORGANIZATION AND REPAIR PARTS 17)
 - 18) STOCK WITHIN A 50 MILE RADIUS. ALL COMPONENTS SHALL BE PROVIDED WITH 19)
 - LIFTING EYES.
- EVAPORATOR AND CONDENSER SHALL BE OF SHELL AND TUBE TYPE DESIGN IN ACCORDANCE WITH REQUIREMENTS OF THE ASME CODE FOR UNFIRED PRESSURE VESSELS. REFRIGERANT SIDE SHALL BE PROOF-TESTED PER APPLICABLE CODE OR AT 20) 2 21)

 - 22) 23) 1.5 TIMES MAXIMUM DESIGN WORKING PRESSURE BUT NOT LESS THAN 45 PSIG. A
 - 24) SAFETY RUPTURE DISC IN ACCORDANCE WITH ANSI/ASHRAE 15-1978 SAFETY CODE
 - 25) SHALL BE PROVIDED FOR THE REFRIGERANT CIRCUIT.
- 2 26) EACH TUBE SHALL BE INTEGRAL, EXTERNALLY FINNED, 3/4-INCH
 - DIAMETER. .025 INCH WALL THICKNESS, SEAMLESS COPPER WITH SMOOTH LANDS AT 27)
 - ALL TUBE SUPPORTS. TUBES SHALL BE INDIVIDUALLY REPLACEABLE WITH TUBE ENDS 28) 29) ROLLED INTO ANNULAR GROOVES IN THE TUBE SHEETS. EACH EVAPORATOR TUBE
 - 30) SHALL BE ROLLED INTO THE INTERMEDIATE SUPPORT SHEETS.
- WATER BOXES SHALL BE DESIGNED FOR 150 PSIG MAXIMUM WORKING PRESSURE. 2 31)
 - 32) WATER SIDE SHALL BE HYDROSTATICALLY TESTED AT 1.5 TIMES WORKING PRESSURE.
 - 33) WATER BOXES SHALL BE PROVIDED WITH WELDED STUBS. TAPS FOR VENTS AND
 - 34) DRAINS ALSO SHALL BE PROVIDED.
- 2 35) EVAPORATOR SHALL HAVE ELIMINATORS INSTALLED ALONG ITS COMPLETE LENGTH
 - ABOVE THE TUBES TO PREVENT LIQUID REFRIGERANT FROM ENTERING 36)
 - 37) COMPRESSOR.
- 2 38) LIQUID REFRIGERANT ENTERING EVAPORATOR SHALL BE DISTRIBUTED UNIFROMLY THE
 - ENTIRE LENGTH OF SHELL AND WITHOUT DIRECT IMPINGEMENT OF HIGH VELOCITY 39)
 - 40) REFRIGERANT ON TUBES.
- 2 41) FOR STANDARD WATER SELECTIONS, MINIMUM ALLOWABLE REFRIGERANT. TEMPERATURE
 - SHALL BE 34 F. AT THE DESIGN CONDITIONS HEREINAFTER SPECIFIED. 42)
- 2 43) RELIEF DEVICES SHALL BE PROVIDED FOR THE REFRIGERANT SIDE, IN ACCORDANCE
 - 44) WITH ANSI B9.1 SAFETY CODE AND LOCAL CODE. MULTIPLE RELIEF DEVICES SHALL
 - 45) BE BROUGHT TO A COMMON VENT CONNECTION.
- 5 46) COMPRESSOR SHALL BE OF THE CENTRIFUGAL TYPE, DIRECT OR GEAR-DRIVEN.
 - 47) MAXIMUM SPEED FOR GEAR DRIVEN MACHINES SHALL BE 7000 RPM.
- 2 48) COMPRESSOR IMPELLERS SHALL BE HIGH STRENGTH ALUMINUM ALLOY, BALANCED BOTH
 - 49) STATICALLY AND DYNAMICALLY. IMPELLER SHALL BE PROOF-TESTED AT LEAST 15
 - 500 PERCENT ABOVE DESIGN OPERATING SPEED.

Approved For Release 2009/04/02 : CIA-RDP89-00244R000300150008-0 SH&G 13155 .DATE 12/15/83 TIME 18 42 CEMEAL INTELLIGENCE AGENCY CHILLERS HEADQUARTERS EXPANSION BID PACKAGE 3SC SUPPLY CONTRACT - CHILLERS COMPRESSOR ASSEMBLY SHALL BE RUN-TESTED AT THE FACTORY. VIBRATION SHALL NOT EXCEED 1.0 MIL AT THE COMPRESSOR HOUSING. 2 52) CAPACITY CONTROL SHALL BE BY VARIABLE INLET GUIDE VANES, CAPABLE OF ς 53) 54) MODULATING PERFORMANCE FROM 10 PERCENT TO 100 PERCENT RATED UNIT CAPACITY AT DESIGN CONDITIONS. MINIMUM CAPACITY OF 10 PERCENT SHALL BE ATTAINED 55) WITHOUT SURGING OR ADJUSTING REFRIGERANT CHARGE. AUTOMATIC HOT GAS 56) BYPASS, IF REQUIRED, SHALL BE PROVIDED TO ALLOW OPERATION AT 10 PERCENT 57) LOAD. MINIMUM CONDENSER WATER TEMPERATURE IS TO BE 55 DEGREES F. 58) MOTOR SHALL BE CONTINUOUS DUTY, SQUIRREL CAGE INDUCTION TYPE, AND SHALL 2 59) HAVE AN OPEN DRIP-PROOF OR HERMETIC DESIGN ENCLOSURE. MOTOR FULL-LOAD 60) 61) AMPERES (FLA) AT DESIGN CONDITIONS SHALL NOT EXCEED MOTOR NAMEPLATE FLA. MOTOR SHALL BE FACTORY MOUNTED AND ALIGNED WITH THE COMPRESSOR. MOTOR 62) SHALL BE DESIGNED FOR USE WITH THE TYPE STARTER SPECIFIED. 63) 2 64) A POSITIVE DISPLACEMENT SUBMERGED OIL PUMP SHALL PROVIDE LUBRICATION TO ALL PARTS REQUIRING OIL. PROVISIONS SHALL BE INCLUDED FOR CONTROLLED 65) HEATING OF OIL. HEATER SHALL BE SELECTED TO MAINTAIN OIL AT 150 DEGREES 66) F. DURING SHUT-DOWN TO MINIMIZE AFFINITY FOR REFRIGERANT. THE OIL PUMP 67) SHALL BE SUITABLE FOR OPERATION ON 120-VOLT SINGLE PHASE POWER. POWER SHALL BE SUPPLIED THROUGH THE CONTROL POWER TRANSFORMER. 68) 69) 2 70) THE UNIT MANUFACTURER SHALL PROVIDE A FULLY AUTOMATIC, FACTORY INSTALLED OIL RETURN SYSTEM TO REMOVE THE OIL FROM THE LIQUID REFRIGERANT DURING 71) 72) CHILLER OPERATION. THE OIL RETURN SYSTEM SHALL CONTINUOUSLY MAINTAIN THE 73) PROPER OIL LEVEL IN THE COMPRESSOR OIL SUMP AND PREVENT THE COLLECTION OF 74) OIL IN THE EVAPORATOR. 2 75) LUBRICATION SYSTEM SHALL BE PROVIDED WITH TWO HIGH OIL TEMPERATURE CUTOUTS: ONE IN THE BEARING OIL OUTLET AND ONE IN THE OIL PUMP DISCHARGE. 76) A REFRIGERANT OR WATER COOLED OIL COOLER SHALL BE PROVIDED. EXTERNAL 2 77) WATER SOURCE TO BE CHILLED WATER. IF THE OIL COOLER IS WATER COOLED THE 78) INSTALLING CONTRACTOR WILL FURNISH AND INSTALL NECESSARY AUXILIARY WATER 80) PIPING, VALVES AND CONTROLS TO THE OIL COOLER. COMPLETE LUBRICATION 81) SYSTEM SHALL BE FACTORY INSTALLED AND PIPED. 2 82) MOTOR WINDING TEMPERATURE SENSORS SHALL BE LOCATED IN THE MOTOR WINDING OF EACH PHASE OF COMPRESSOR MOTORS. SENSORS SHALL INDEPENDENTLY STOP THE 83) COMPRESSOR MOTOR IF EXCESSIVE TEMPERATURE IS SENSED IN ANY OF THE THREE 84) 85) WINDINGS. A FULL SET OF SPARE SENSORS SHALL BE PROVIDED WITH WIRING 86) CONTROL PANEL. LOW VOLTAGE AND SINGLE-PHASE PROTECTION (PHASE FAILURE) SHALL BE PROVIDED 2 87) 88) BY MEANS OF AN ANSI NO. 47 SEQUENCE VOLTAGE RELAY. UNITS THAT OPERATE AT SUB-ATMOSPHERIC PRESSURE (R-11, R-113, R-114) SHALL S 89) 90) BE PROVIDED WITH A COMPLETE PURGE UNIT, PROVIDING POSITIVE MEANS FOR COLLECTION, RETURN OF REFRIGERANT AND REMOVAL OF NON-CONDENSABLES. 91) 92) SIGNAL LIGHT ON THE CONTROL CENTER SHALL-BE PROVIDED WHICH WILL ALERT THE 93) OPERATOR AT OCCURRENCE OF EXCESSIVE PURGING, INDICATING AN ABNORMAL AIR 94) LEAK INTO THE UNIT. 95) PURGE UNIT SHALL BE PROVIDED WITH THE FOLLOWING: 96) SIGHT GLASS OIL LEVEL INDICATOR.

- 2
- 7
- 7 97) ELECTRICALLY HEATED OIL SEPARATOR.
- 7 98) SECTIONALIZED DRUM PERMITTING SEPARATION OF NONCONDENSABLE GASES AND WATER FROM DISCHARGE OF COMPRESSOR PURGE. 99)
- 100) MEANS FOR RETURNING REFRIGERANT TO EVAPORATOR AND FOR 101) DRAWING OFF NONCONDENSABLES.

Αp	proved Fo	r Release 2009/04/02 : CIA-RDP89-00244R000300150008-0 N 15600 PAGE 3
. •'	-CENTRAL	INTELLIGENCE AGENCY DATE 12/15/83 TIME 18.142
		RTERS EXPANSION CHILLERS
	SUPPLY	CONTRACT - CHILLERS
7	102)	SOLENOID VALVE TO AUTOMATICALLY ISOLATE PURGE SYSTEM
	103) 104)	FROM CENRIFUGAL MACHINE WHEN PURGE COMPRESSOR IS NOT
	(04)	IN OPERATION.
7	105)	WATER CONNECTIONS TO ALLOW OPERATION OF THE PURGE
	106)	SYSTEM WHEN CENTRIFUGAL MACHINE IS NOT IN OPERATION.
2	107)	UNITS THAT OPERATE ABOVE 15 PSIG (R12, R+22, R+500) SHALL BE PROVIDED
	108)	WITH A SEPARATE COMPRESSOR OPERATED TRANSFER UNIT AND SEPARATE STORAGE
	109) 110)	RECEIVER TO PERMIT REMOVAL AND ISOLATION OF THE FULL REFRIGERANT CHARGE
	111)	ALLOWING INTERNAL INSPECTION OF THE CONDENSER, EVAPORATOR AND CENTRIGUGAL COMPRESSOR. THE STORAGE RECEIVER SHALL BE ASME CODE CONSTRUCTED AND
	112)	STAMPED, AND FURNISHED WITH ANSI B9.1 SAFETY CODE AND LOCAL CODE. PUMPOUT
	113)	SYSTEM SHALL BE SUPPLIED AND WARRANTED BY THE CENTRIFUGAL MACHINE
	114)	MANUFACTURER. IT SHALL BE PRE-PIPED AND PRE-WIRED COMPLETE WITH FUSED
	115)	DISCONNECT. STARTER AND CONTROLS HOUSED IN A NEMA 1 ENCLOSURE. EACH UNIT
	116) 117)	SHALL HAVE ITS OWN COMPLETE PUMP-OUT SYSTEM. THE INSTALLING CONTRACTOR
	118)	WILL FURNISH AND INSTALL NECESSARY AUXILIARY WATER PIPING AND VALVES TO TRANSFER UNIT CONDENSER.
2	119)	EACH CHILLER SHALL BE EQUIPPED WITH AN ELECTRIC CONTROL PANEL AND INCLUDE
2	120)	THE FOLLOWING.
7	121)	THREE-DUACE CLECTOONIC CHORENT LIMITING WITH ANALYSING
3	121)	THREE-PHASE ELECTRONIC CURRENT LIMITING WITH INDIVIDUAL CURRENT TRANSFORMERS.
4	123)	ELECTRONIC CURRENT LIMITER SHALL LIMIT THE MAXIMUM AMPERAGE DRAWN
	124) 125)	BY THE COMPRESSOR MOTOR BY MONITORING ALL THREE PHASES OF SUPPLY POWER. THE INLET GUIDE VANES SHALL MODULATE IN RESPONSE TO THE
	126)	POWER. THE INLET GUIDE VANES SHALL MODULATE IN RESPONSE TO THE MAXIMUM AMPERAGE DRAWN BY ANY ONE OF THE THREE PHASES.
,	437	
4	127) 128)	CONTINUOUS VARIABLE POSITION DEMAND LIMITER SHALL PERMIT MANUAL CONTROL OF POWER DEMAND AT ALL OPERATING POINTS FROM 40 TO 100
	129)	PERCENT OF FULL LOAD POWER.
7	470)	CARACITY CONTROL
3	130)	CAPACITY CONTROL .
4	131)	SELF-CONTAINED ELECTRIC TEMPERATURE CONTROL SYSTEM, INCLUDING
	132)	TEMPERATURE SENSOR, VANE ACTUATOR AND INTEGRATED CIRCUIT SOLID
	133)	STATE CONTROLS.
4	134)	PRECISE CONTROL OF DEADBAND RANGE SHALL BE FIELD ADJUSTABLE FROM
	135)	PLUS OR MINUS 1/4 DEG. F TO PLUS OR MINUS 1-1/2 DEG. F.
4	136)	UNIT SHALL INCLUDE A MANUAL FOUR-POSITION (HOLD, LOAD, UNLOAD OR
	137)	AUTOMATIC) DIAGNOSTIC SWITCH FOR EASE OF MAINTENANCE.
4	138)	INDIVIDUAL LIGHTS SHALL INDICATE WHEN MACHINE IS LOADING,
•	139)	UNLOADING, OR IF AUTOMATIC CURRENT LIMITING IS OCCURRING.
,	4/0)	LAU DECOLORANT TENDERATURE ANERGING TO ANERGINA AND ANERGINA
4	140) 141)	LOW REFRIGERANT TEMPERATURE OVERRIDE TO AUTOMATICALLY CLOSE THE GUIDE VANES AND STOP THE COMPRESSOR IF LOW REFRIGERANT TEMPERATURE
	142)	IS DETECTED.
,	4 / 7 >	
4	143) 144)	A METHOD TO MAINTAIN CAPACITY INLET GUIDE VANES IN CLOSED POSITION DURING COMPRESSOR START-UP.
4	145)	AN ADJUSTABLE ANTIRECYCLE TIMER TO ENSURE 30-MINUTE INTERVAL
	146)	BETWEEN SUCCESSIVE COMPRESSOR MOTOR STARTS. TIMER TO BE ACTIVATED
	147)	AT "'START".
4	148)	INDIVIDUAL, FRONT ADJUSTABLE GAUGES TO INDICATE CONDENSER,
	149)	EVAPORATOR, OIL AND PURGE DRUM PRESSURES. GAUGES SHALL BE ORIFICED
	150)	TO PREVENT EXCESSIVE SENSITIVITY AND MOVEMENT OF GAUGE INDICATORS.
4	151)	TIMER TO PROVIDE OPERATION OF OIL PUMP DURING PRELUBE AND POST-LUBE
	152)	CYCLES.

		SUPPLY CONTRACT - CHILLERS
4	153)	SWITCH TO PERMIT MANUAL OR AUTOMATIC OPERATION OF THE PURGE SYSTEM.
4	154)	THE FOLLOWING SAFETY CONTROLS SHALL BE WIRED IN THE MAIN CONTROL
•		The state of the s
	155)	POWER CIRCUIT TO THE STARTER: LOW EVAPORATOR TEMPERATURE, HIGH
	156)	CONDENSER PRESSURE, HIGH MOTOR TEMPERATURE, HIGH LU3E OIL
	157)	TEMPERATURE AND LOW OIL PRESSURE CONTROLS SHALL BE WIRED TO
	158)	INDEPENDENTLY STOP THE COMPRESSOR MOTOR. ADDITIONALLY, EACH OF
	159)	THESE CONTROLS SHALL BE WIRED THROUGH A FAULT TRIP INDICATOR TO
	160)	PROVIDE A DOUBLE BREAK OF ALL SAFETY LOCKOUT SYSTEMS. METHOD TO
	161)	DODITAR PERSE AND THE PERSENANCE AND ADDITION OF THE PERSON OF THE PERSO
	162)	RESET OF THE FAULT TRIP INDICATOR SHALL BE REQUIRED.
	1027	RESET OF THE PAULT TRIP INDICATOR SHALL BE REGULRED.
4	163)	ONE ADDITIONAL NORMALLY CLOSED ALARM CONTACT (CONVERTIBLE TO
	164)	NORMALLY OPEN CONTACTS ON EACH FAULT TRIP INDICATOR) TO ALLOW
	165)	REMOTE ANNUNCIATION OF ANY OF THE FOLLOWING CONDITIONS: LOW
	166)	EVAPORATOR TEMPERATURE, HIGH CONDENSER PRESSURE, HIGH MOTOR
	167)	TEMPERATURE, LOW OIL PRESSURE AND ELECTRICAL OVERLOAD.
,		
4	168)	A 4160/120 VOLT TRANSFORMER SHALL SUPPLY 120-VOLT POWER SJPPLIES
	169)	INDIVIDUALLY FUSED TO SERVE: CONTROL CIRCUIT, OIL PUMP SYSTEM
	170)	CIRCUIT, OIL HEATER CIRCUIT AND PURGE CIRCUIT.
4	171)	FACTORY INSTALLED CONTROL PANEL LIGHTS TO INDICATE SEQUENTIAL
	172)	
	173)	START-UP AND OPERATION OF THE CHILLER, INCLUDING: SAFETIES,
	174)	SATISFIED, COOLING REQUIRED, RESTART TIME ELAPSED, CHILLED WATER
	175)	PUMP, CONDENSER WATER PUMP, OIL PUMP AND SYSTEM. PROVIDE ELAPSED
	1737	TIME METER AND STARTS COUNTER.
4	176)	CAPABILITY OF INTERFACING WITH TYPICAL BUILDING ENERGY MANAGEMENT
	177)	SYSTEMS (DIRECT CURRENT LOAD SHED SIGNALS) TO REDUCE TOTAL
	178)	ELECTRICAL PEAK DEMAND.
4	179)	CAPACITY CONTROL MECHANISM WHICH PROVIDES UNLOADED START-UP.
2	180)	EACH UNIT SHALL BE FACTORY ANTI-SWEAT INSULATED WITH FLEXIBLE CLOSED CELL
	181)	INSULATION. INSULATION SHALL BE APPLIED TO THE COOLER PORTION OF THE
	182)	SHELL AT MINIMUM THICKNESS 3/4 INCH. THE SAME TYPE INSULATION SHALL BE
	183)	APPLIED TO COMPRESSOR SUCTION PIPING AND OTHER REFRIGERANT PIPING AS
	184)	NECESSARY.
	. •	
. 5	185)	THE UNIT MANUFACTURER SHALL FURNISH THE COMPLETE INITIAL CHARGE OF
	186)	REFRIGERANT AND LUBRICATING OIL, CHILLED WATER AND CONDENSER WATER FLOW
	187)	CHTTCHER AND CAUG UPBOATIAN DAGLITEAN MANNEY
	188)	STEEL MOUNTING PLATES WITH 1 INCH THICK NEOPRENE ISOLATION PADS.
		·
2	189)	REMOTE MOUNTED STARTERS
3	190)	COMPRESSOR MOTOR STARTER SHALL BE SUPPLIED BY THE CENTRIFUGAL CHILLER
•	191)	MANUFACTURER. STARTER SHALL BE A 5 KV PRIMARY REACTOR TYPE ENCLOSED IN
	192)	MANUFACTORER STATES SHALL BE A 5 KV PRIMARY REACTOR TYPE ENCLOSED IN
	1761	A FREE STANDING NEMA-1 ENCLOSURE.
3	193)	THE STARTER PANEL DOOR SHALL BE HINGED AND SHALL BE CAPABLE OF BEING
	194)	PADLOCKED TO PREVENT ACCESS BY UNAUTHORIZED PERSONNEL.
3	195)	THE AMBIENT TEMPERATURE INSIDE THE STARTER PANEL SHALL NOT EXCEED 155
,	196)	
		DEG. F (67 DEG. C) WITH ALL COMPONENTS ENERGIZED AT RATED LOAD
	197)	CONDITIONS AND 104 DEG. F (40 DEG. C) AMBIENT OUTSIDE THE STARTER
	198)	PANEL. TEMPERATURE RISE OF COMPONENTS SHALL BE PER RELATED NEC. NEMA
	199)	AND UL CODES.

199) AND UL CODES.

3 200) A PERMANENT NAMEPLATE SHALL BE PROVIDED AND MOUNTED ON THE STARTER 201) PANEL. IT SHALL IDENTIFY THE MANUFACTURER, SERIAL OR MODEL NUMBER 202) IDENTIFYING THE DATE OF MANUFACTURE AND COMPONENT REPLATEMENT PARTS 203) AND ALL CURRENT AND VOLTAGE RATINGS.

Approved For Release 2009/04/02: CIA-RDP89-00244R000300150008-0 pn 15600 PAGE 5 - CENTRAL INTELLIGENCE AGE CY HEADQUARTERS EXPANSION BID PACKAGE 3SC SUPPLY CONTRACT ~ CHILLERS		
4	204) 205) 206) 207) 208)	THE OVERLOAD SYSTEM, CONSISTING OF ANSI NO. 50 INSTANTANEOUS OVERCURRENT OR RATE OF RISE RELAYS, SHALL BE COORDINATED WITH THE COMPRESSOR MOTOR AND FACTORY SET AND LABELED WITH THE COMPRESSOR MOTOR RATED LOAD AMPS (RLA), LOCKED ROTOR AMPS (LRA) AND OVERLOAD TRIP (OLT) SETTINGS, AND SHALL PROVIDE:
5	209)	excessive locked rotor time protection.
5	210)	CURRENT CONTROL OF TRANSITION FROM START TO RUN CONFIGURATION.
5	211) 212)	MAXIMUM CURRENT PROTECTION TO PREVENT THE COMPRESSOR MOTOR FROM EXCEEDING ITS OLT SETTING.
5	213)	PROTECTION OF EQUIPMENT AGAINST TRANSITION RESISTOR FAILURE.
5	214) 215) 216) 217) 218) 219) 220) 221)	A FAULT TRIP INDICATOR, "MOTOR OVERLOAD" SHALL BE LOCATED IN THE DOOR OF THE STARTER PANEL ENCLOSURE. THIS FAULT INDICATOR SHALL BE DISPLAYED IF ANY OF THE ABOVE CONDITIONS ARE SENSED AND SHALL CAUSE THE MACHINE TO BE SHUT DOWN. THIS FAULT SHALL REQUIRE MANUAL RESET. ELECTRONIC DIGITAL TIMING SHALL BE PROVIDED BY THE OVERLOAD SYSTEM FOR REPEATABILITY AND ACCURACY. A NORMALLY CLOSED ALARM CONTACT SHALL BE PROVIDED FOR REMOTE ANNUNCIATION OF ANY OF THE ABOVE CONDITIONS.
4	222) 223)	THE THREE-PHASE OVERLOAD SYSTEM SHALL BE FIELD SET FOR PURPOSES OF COORDINATION WITH OTHER ELECTRICAL PROTECTION DEVICES.
3	224) 225) 226) 227)	TO PREVENT THE INCREASINGLY COMMON RAPID RECLOSURE FEATURE OF UTILITY POWER DISTRIBUTION SYSTEMS FROM ADVERSELY AFFECTING THE MECHANICAL AND POWER DRIVE : EQUIPMENT, DISTRIBUTION FAULT PROTECTION SHALL BE PROVIDED.
4	228) 229) 230) 231) 232) 233) 234)	THE DISTRIBUTION FAULT PROTECTION SHALL CONSIST OF THREE-PHASE CURRENT SENSING AND MONITORING THE STATUS OF THE STARTER. IF A DISTRIBUTION FAULT IS DETECTED, THE FAULT TRIP INDICATOR "DISTRIBUTION FAULT" SHALL BE DISPLAYED AND MANUAL RESET SHALL BE REQUIRED. DISTRIBUTION FAULTS OF 1-1/2 ELECTRICAL CYCLES DURATION SHALL BE DETECTED AND THE COMPRESSOR MOTOR SHALL BE DISCONNECTED WITHIN SIX ELECTRICAL CYCLES.
3	235)	DIFFERENTIAL PROTECTION
4	236) 237) 238)	ALL MOTOR ARMATURE LEADS SHALL BE EXTENDED FOR THE APPLICATION OF DIFFERENTIAL RELAYING PROTECTION. PROVIDE SIX CURRENT TRANSFORMERS (MATCHED) AND THREE DIFFERENTIAL RELAYS (ANSI NO. 87).
3	239) 240) 241)	POWER SUPPLY TERMINALS SHALL BE IDENTIFIED BY PERMANENT MARKERS. THE MAXIMUM TEMPERATURE OF TERMINALS SHALL NOT EXCEED 167 DEG. C) WHEN THE EQUIPMENT IS TESTED IN ACCORDANCE WITH ITS RATING.
3	242) 243) 244) 245) 246)	CONTACTORS SHALL— BE UL- RECOGNIZED FOR AIR CONDITIONING AND REFRIGERATION (DEFINITE PURPOSE) USE. THEY SHALL BE RATED IN VOLTAGE, CONTINUOUS RATED LOAD AMPERES (RLA) AND LOCKED ROTOR AMPERES (LRA). THE RATING SHALL EQUAL TO OR GREATER THAN THE REQUIREMENTS SPECIFIED ON THE COMPRESSOR MOTOR NAMEPLATE.
3	247) 248) 249)	ALL WIRES, BUS BARS AND FITTINGS SHALL BE COPPER ONLY, EXCEPT THE INTERNAL-WIRE OF THE CONTROL TRANSFORMER WHICH MAY BE ALUMINUM IF COPPER TERMINATION IS PROVIDED.
3	250) 251) 252)	DISCONNECTING MEANS IN THE FORM OF A NON+LOAD BREAK, HIGH INTERRUPTING CAPACITY (34,000 AMPS RMS SYMMETRICAL), FUSED DISCONNECT SHALL BE PROVIDED FOR SHORT CIRCUIT PROTECTION.
3	253) 254) 255) 256)	A 120-VOLT SINGLE+PHASE POWER SUPPLY SHALL BE DEVELOPED WITHIN THE THREE-PHASE COMPRESSOR MOTOR STARTER AND SHALL BE IN ACCORDANCE WITH THE CHILLER MANUFACTURER'S SPECIFICATIONS. A METALLIC SEPARATOR SHALL BE PROVIDED BETWEEN THE HIGH AND LOW VOLTAGE SYSTEMS SECTIONS.

Approved For Release 2009/04/02 : CIA-RDP89-00244R000300150008-0

-SECTION 15600 PAGE 6
DATE 12/15/83 TIME 18.142
CHILLERS

CENTRAL INTELLIGENCE AGENCY
HEADQUARTERS EXPANSION
BID PACKAGE 3SC
SUPPLY CONTRACT - CHILLERS

- THE STARTER SHALL BE EQUIPPED WITH TWO "PILOT" RELAYS TO INITIATE
 THE MAIN CENTRIFUGAL STARTER SEQUENCE. THESE RELAYS SHALL BE A
 SELF-MONITORING SAFETY CIRCUIT WHICH SHALL INDICATE IMPROPER OPERATION
 (SLOW OPERATION, WELDING OF CONTACTS, ETC.) AND SHALL CAUSE THE UNIT
 TO BE SHUT DOWN AND A FAULT TRIP INDICATOR TO BE DISPLAYED. THE
 SECONOMY OF THE ENCLOSURE AND SHALL REQUIRE MANUFAL RESET.
- 3 264) A LOCKOUT TRANSITION SAFETY CIRCUIT SHALL BE PROVIDED TO PREVENT 265) DAMAGE FROM PROLONGED ENERGIZATION DUE TO MALFUNCTION OF THE 266) TRANSITION CONTACTOR. MALFUNCTION SHALL CAUSE THE MACHINE TO BE SHUT 267) DOWN AND THE "STARTER CIRCUIT FAULT" INDICATOR TO BE DISPLAYED.
- 3 268) THE THREE-PHASE OVERLOAD SYSTEM SHALL PROVIDE PROTECTION TO THE 269) COMPRESSOR MOTOR.
- 3 270) TERMINAL CONNECTION PADS SHALL BE PROVIDED TO WHICH CUSTOMER APPLIED 271) LUGS CAN BE ATTACHED. PROVIDE SUFFICIENT SPACE FOR STRESS CONE 272) TERMINATION.
- 3 273) PROVIDE THREE (3) AMMETERS CALIBRATED FOR INDICATING INRUSH CURRENT.
- 3 274) A GROUND FAULT RELAY (ANSI NO. 64) SHALL OPEN STARTER CONTACTS WHEN 275) THE DIELECTRIC RESISTANCE IS SIGNIFICANTLY REDUCED IN EITHER THE 276) STARTER OR COMPRESSOR MOTOR. INDICATION AND RESET SHALL BE LOCATED IN 277) THE STARTER DOOR.
- 2 278) CAPACITY
- 3 279) EACH OF THE SIX UNITS SHALL HAVE A MINIMUM CAPACITY OF 1350 TONS OF 280) REFRIGERATION, DELIVERING 2025 GPM OF CHILLED WATER COOLED FROM 58 DEG 281) F. TO 42 DEG F. WHEN SUPPLIED WITH 4050 GPM OF CONDENSER WATER AT 85 282) DEG F. WITH A 10 DEG F. TEMPERATURE RISE.
- 3 283) WATER TUBE VELOCITY THRU THE CONDENSER AND THE CHILLER SHALL NOT 284) EXCEED 8 FPS.
- 3 285) CONDENSER AND CHILLER SIDE FOULING FACTORS SHALL BE .0005.
- 2 286) FACTORY TESTS
- 3 287) A FACTORY TEST OF EACH MACHINE SHALL INCLUDE THE FOLLOWING:
- 4 288) HYDROSTATIC STRENGTH TEST AND REFRIGERANT LEAK TEST OF COMPRESSOR 289) CASING.
- 290) AIR PRESSURE STRENGTH TEST AND REFRIGERANT LEAK TEST ON BIT THE 291) SHELL AND TUBE SIDES OF THE CONDENSER, EVAPORATOR, INTER COOLER AND 292) PUMPOUT RECEIVER (WHERE APPLICABLE).
- 2 293) START-UP SERVICE
- 3 294) MANUFACTURER SHALL FURNISH A FACTORY-TRAINED SERVICE ENGINEER DURING START-UP PERIOD OF EACH MACHINE. THE SERVICE ENGINEER SHALL 295) 296) PERFORM LEAK TESTING, EVACUATION AND DEHYDRATION USING A HIGH VACUUM PUMP FURNISHED BY THE MANUFACTURER, CHARGING THE UNIT, START-UP AND 297) 298) AND INSTRUCTION OF GOVERNMENT'S PERSONNEL ON OPERATION MAINTENANCE. 299) SHALL BE PERFORMED BY THE MANUFACTURE'S SERVICE ENGINEER; START-UP 300) SUPERVISION OF CONTRACTOR PERSONNEL PERFORMING THE START-UP WORK, IS 301) NOT ACCEPTABLE. MANUFACTURER SHALL PROVIDE OPERATING INSTRUCTIONS AND 302) PARTS LIST. REFER TO SPECIAL CONDITIONS. THE COST OF THIS START-UP SERVICE SHALL BE INCLUDED IN THE MANUFACTURER'S BID PRICE. 303)
- 3 304) THE MANUFACTURER SHALL PROVIDE THE GOVERNMENT EXTRA REFRIGANT AND OIL 305) OF A SUFFICIENT QUANTITY TO COMPLETELY RE-CHARGE ONE MACHINE.
- 3 306) THE MANUFACTURER SHALL PROVIDE THE GOVERNMENT WITH COOLER AND 307) CONDENSER TUBE BRUSHES.